

# THE HONG KONG POLYTECHNIC UNIVERSITY

## DEPARTMENT OF APPLIED BIOLOGY AND CHEMICAL TECHNOLOGY

### Post Specification

**Postdoctoral Fellow / Research Associate** (Ref. 19041202)

**[Appointment period: twenty-four months]**

### Duties

The appointee will assist the project leader in the research project - “Impact of microplastics on life-history stages of hard corals”, hosted by the Department of Applied Biology and Chemical Technology in collaboration with The Chinese University of Hong Kong. This project aims to investigate the ecophysiological effects of microplastics on various life-history stages of hard corals and carry out field surveys to estimate the amount of microplastics on major coral grounds in Hong Kong. The appointee will work closely with the research teams and be required to:

- (a) arrange and carry out marine fieldwork;
- (b) collect marine biological and environmental samples by scuba diving;
- (c) set up and perform laboratory exposure experiments; and
- (d) perform any other duties as assigned by the project leader, Head of the Department, or their delegates.

### Qualifications

Applicants for the **Postdoctoral Fellow** post should have a PhD degree or an equivalent qualification in Marine Biology, Toxicology, Environmental Science, or a related discipline, and must have no more than three years of post-qualification experience at the time of application.

Applicants for the **Research Associate** post should have an MPhil degree in one of the aforementioned disciplines.

For all posts, applicants should also:

- (a) be a qualified and competent scuba diver; and
- (b) have research experience in microplastics, hard corals or other benthic organisms.

Preference will be given to those who have experience in Raman or infrared spectroscopy, proteomics or transmission electron microscopy.

Applicants are invited to send a completed application form, together with a detailed CV with covering letter to Dr James Kar-Hei Fang by email [james.fang@polyu.edu.hk](mailto:james.fang@polyu.edu.hk). For further information, please contact Dr Fang by email, at tel no. 3400 8703 or fax no. 2364 9932.

### Remuneration

A highly competitive remuneration package will be offered. Applicants should state their current and expected salary in the application.

12 April 2019